CORRES. CONTROL OUTGOING LTR NO.

DOE ORDER# 4100. [

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	AMARAL, M.E.		
	BURLINGAME, A.H.	X	
	BUSBY, W.S.	$\overrightarrow{\Delta}$	_
	BRANCH, D.B.	1	_
	CARNIVAL, G.J.		_
	DAVIS, J.G.	_	
	FERRERA, D.W.		
	FRAY, R.E.		
	GEIS, J.A.		
	GLOVER, W.S.		
	GOLAN, P.M.		
	HANNI, B.J.		
	HARMAN, L.K.		
:	HEALY, T.J.		
	HEDAHL, T.		
	HILBIG, J.G.		Г
	HUTCHINS, N.M.		Г
	JACKSON, D.T.		
	KELL, R.E.		
	KUESTER, A.W.		
	MARX, G.E.	Г	
	McDONALD, M.M.		
	McKENNA, F.G.		
	MONTROSE, J.K.		
	MORGAN, R.V.		
	POTTER, G.L.		Γ
	PIZZUTO, V.M.		
	RISING, T.L. SANDLIN, N.B.		
	SANDLIN, N.B.		
	SCHWARTZ, J.K.	Γ	П
	SETLOCK, G.H.		
	STEWART, D.L.		
	STIGER, S.G.	X	
	TOBIN, P.M.		
	VOORHEIS, G.M.		L
	WILSON, J.M.		L
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	ADMN RECORD/0802	K	K.
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	PATS/T130G	<u></u>	

CLASSIFICATION:

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UNCLASSIFIED		
CONFIDENTIAL		Γ
SECRET	П	Γ

AUTHORIZED CLASSIFIER

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

IN REPLY TO RFP CC NO:

ACTION ITEM STATUS

PARTIAL/OPEN

CLOSED

LTR APPROVALS:

ORIG & TYPIST INITIALS

SEGEG ROCKY FLATS

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

July 13, 1994

94-RF-07465

Jessie M. Roberson Acting Assistant Manager for Environmental Restoration Division DOE, RFFO

Attn: N. Castaneda, S. Grace

COLORADO DEPARTMENT OF HEALTH CONSERVATIVE SCREEN IMPLEMENTATION - SGS-405-94

Action: Changes addressed by July 18, 1994.

In order to implement the Colorado Department of Health (CDH) conservative screen, the following will be performed. These steps were not explicitly required by the CDH but are considered to be correct risk assessment procedure given current practices.

• There will be two exposure scenarios assessed for the CDH conservative screen. The residential scenario will be applied to ground water and surficial soils. The risk ratio from these two media will be added for the aggregate residential risk ratio. Since residents aren't directly exposed to subsurface soils in the Operable Unit (OU) specific conceptual models, this media will not be assessed for the residential scenario within the CDH conservative screen.

In order to assess subsurface soils within the CDH screen, a risk ratio will be derived using the construction worker scenario for this media. This risk ratio will not be added to the risk ratio for other media.

Therefore, there will be two exposure scenarios reported at each source area. The residential scenario will have a risk ratio associated with it from ground water and surface soils. The construction worker scenario will have a risk ratio associated with it from subsurface soils. Disposition of source areas per CDH guidance will be made per these exposure scenarios.

There will be two risk ratios computed for each exposure scenario in each source area. One risk ratio will correspond to carcinogenic risks and the second risk ratio will correspond to non-carcinogenic risks. Disposition of source areas per CDH guidance will take into account both risk ratios.

ADMIN RECCRD

SW-A-003682

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Jessie M. Roberson July 14, 1994 94-RF-07465 Page 2

EG&G is proceeding with the CDH screen per the methodology outlined above. If you have any questions or comments, please contact Rick Roberts at extension 8508. Any changes in methodology need to be addressed by July 18, 1994.

3.G. Stiger

Director

Environmental Restoration Program Division

EG&G Rocky Flats, Inc.

RR:pap

Orig. and 1 cc - J. M. Roberson

cc:

M. N. Silverman

- DOE, RFFO

L. W. Smith

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